

UTILITY PATENT
OR DESIGN
SOLE OR JOINT

CROWELL & MORING, LLP
UNITED STATES LETTERS PATENT
DECLARATION AND POWER OF ATTORNEY

ATTORNEY'S DOCKET NO.

As a below named inventor, I declare that I believe I am the original, first and sole inventor if only one name is listed at Item 201 below, or a joint inventor if plural names are listed below at Items 201 et. seq. of subject matter which is claimed and for which a patent is sought for the invention entitled:

which is described and claimed in:

101 the attached specification the specification in application Serial No. filed
(for declaration not accompanying application papers)

and (if applicable) amended on

102 international (PCT) application No. PCT/JP00/01190 filed March 1, 2000 and as amended on (if any)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I hereby claim the benefit of priority, under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate listed in Item 103 below and have also identified in Item 103 below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application for which priority is claimed.

I hereby claim the benefit, under Title 35, United States Code, §120, of any U.S. application(s) listed in Item 105 below. If this application is a continuation-in-part, insofar as the subject matter of any of the claims thereof is not disclosed in the prior U.S. application(s) identified in Item 105 below in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior U.S. application(s) identified in Item 105 below and the national or PCT international filing date of this application.

FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 (6 if a Design) MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION THE PRIORITY OF WHICH WHERE PERMITTED IS HEREBY CLAIMED UNDER 35 U.S.C. §119				
103	COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED YES NO
		Japan	JP11-57993	05/03/99

105	THIS APPLICATION IS A:	SERIAL NO.	FILED
	<input type="checkbox"/> CONTINUATION <input type="checkbox"/> DIVISION <input type="checkbox"/> CONTINUATION-IN-PART OF PRIOR U.S. APPLICATION		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

JAMES F. MCKEOWN
Registration No. 25,406

HERBERT I. CANTOR
Registration No. 24,392

DONALD D. EVENSON
Registration No. 26,160

JOSEPH D. EVANS
Registration No. 26,269

GARY R. EDWARDS
Registration No. 31,824

JEFFREY D. SANOK
Registration No. 32,169

SEND CORRESPONDENCE TO:	CROWELL & MORING, L.L.P. P.O. Box 14300 Washington, D.C. 20044-4300	DIRECT TELEPHONE CALLS TO: 202-628-8800
-------------------------	---	--

Inventor(s) name must include at least one unabbreviated first or middle name.

201	FULL NAME OF INVENTOR	LAST NAME IMOTO	FIRST NAME Masahiro	MIDDLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION Nishinomiya-shi	STATE OR COUNTRY Hyogo	CITIZENSHIP Japanese
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 11-96-401, Ootani-cho, Nishinomiya-shi, Hyogo 662-0054		
202	FULL NAME OF INVENTOR	LAST NAME IWANAMI	FIRST NAME Tatsuya	MIDDLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION Ashikaga-shi	STATE OR COUNTRY Tochigi	CITIZENSHIP Japanese
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 34-2-903, Yahata-cho 2-chome, Ashikaga-shi, Tochigi 326-0824		
203	FULL NAME OF INVENTOR	LAST NAME AKABANE	FIRST NAME Minako	MIDDLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION Ibaraki-shi	STATE OR COUNTRY Osaka	CITIZENSHIP Japanese
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 1-37-201, Sojiji 1-chome, Ibaraki-shi, Osaka 567-0801		

204	FULL NAME OF INVENTOR	LAST NAME TANI	FIRST NAME Yoshihiro	MIDDLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION Ibaraki-shi	STATE OR COUNTRY Osaka	CITIZENSHIP Japanese
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 9-38, Hoshimi-cho, Ibaraki-shi, Osaka 567-0843		
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION	STATE OR COUNTRY	CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS		
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE CITIZENSHIP	CITY OR OTHER LOCATION	STATE OR COUNTRY	CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS		

[Seventh (and more) coinventors on page 3

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1007 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of any patent issue thereon.

SIGNATURE OF INVENTOR 201 <i>Masahiro Imoto</i>	SIGNATURE OF INVENTOR 202 <i>Tatsuya Iwanami</i>	SIGNATURE OF INVENTOR 203 <i>Minako Akabane</i>
DATE July 17, 2001	DATE July 17, 2001	DATE July 17, 2001
SIGNATURE OF INVENTOR 204 <i>Yoshihiro Tani</i>	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE July 21, 2001	DATE	DATE